ELSEVIER

Int. J. Production Economics 55 (1998) 347–348

international journal of
production
economics

Contents Volume 55

Vol. 55, No. 1

TQM impact on quality conformance and customer satisfaction: A causal model
C. Forza and R. Filippini 1
An inventory model for deteriorating items with time-proportional demand and shortages under inflation and time discounting
J.-M. Chen 21
Demand promotion by upgradation under stock-dependent demand situation – a model
T.K. Datta, K. Paul and A.K. Pal 31
Optimal development of production technology when autonomous and induced learning are present
B. Kim 39
An exact algorithm for batching and scheduling two part types in a mixed shop: A technical note
T.C.E. Cheng and M.Y. Kovalyov 53
Decision models for single-period products with two ordering opportunities
A.H.-L. Lau and H.-S. Lau 57
A study on production lines with discrete batch WIP inventory transfer
E. Erel 71
Stochastic linear optimisation of an MPMP production planning model
M.A. Bakir and M.D. Byrne 87
Post design modeling for cellular manufacturing system with cost uncertainty
R. Shanker and P. Vrat 97
Diary of Events 111

Vol. 55, No 2

A quantitative approach to estimate the size of the time buffer in the theory of constraints
Z.D. Radovilsky 113
The management and organisational context of new product development: Diagnosis and self-assessment
R.E. McQuater, A.J. Peters, B.G. Dale, M. Spring, J.H. Rogerson and E.M. Rooney 121
The impact of parameters setting in load oriented manufacturing control
M. Perona and A. Portioli 133
A note on the convexity of the objective function for a simple common component inventory problem
H. Fu and D.K.H. Fong 143
A heuristic for network project scheduling with random activity durations depending on the resource allocation
D. Golenko-Ginzburg and A. Gonik 149
Tardiness minimization on parallel machines
M. Azizoglu and O. Kirca 163
A heuristic to minimize a quadratic function of job lateness on a single machine
L.-H. Su and P.-C. Chang 169
Optimal design of a generalized conveyor-serviced production station: Fixed and removal item cases
S.A. Feyzbakhsh, M. Matsui and K. Itai 177
Imperfect maintenance policies for deteriorating production systems
S.-T. Tseng, R.H. Yeh and W.-T. Ho 191

0925-5273/98/$19.00 Copyright © 1998 Elsevier Science B.V. All rights reserved

Simulation modelling and analysis of a JIT production system
Ö.F. Baykoç and S. Erol 203
One machine scheduling to minimize the maximum earliness with minimum number of tardy jobs
E. Güner, S. Erol and K. Tani 213
Diary of Events 221

Vol. 55, No. 3

Applying the lessons learned from 27 lean manufacturers. The relevance of relationships management
R. Panizzolo 223
Product costing for complex manufacturing systems
A.N.A.M. Boons 241
Optimal continuous review policies for spare part provisioning with random lead times
T. Shibuya, T. Dohi and S. Osaki 257
Minimizing mean flow times criteria on a single batch processing machine with non-identical jobs sizes
F.J. Ghazvini and L. Dupont 273
Supply chain design and analysis: Models and methods
B.M. Beamon 281
Advanced manufacturing technology selection: A strategic model for learning and evaluation
R.P. Mohanty and S.G. Deshmukh 295
The design of quality systems: A contingency approach
J.D. van der Bij and H. Broekhuis 309
A new pragmatic approach to capital investment appraisal: The financial appraisal profile (FAP) model
F. Lefley and M. Morgan 321
Diary of Events 343
Author Index to Volume 55 345
Contents Volume 55 347